

Fish Passage Advisory Committee

MEMORANDUM

TO: Cathy Hlebechuk, COE
Tony Norris, USBOR
John Wellschlager, BPA

Russell B. Kiefer

FROM: Russ Kiefer, Chairman
Fish Passage Advisory Committee

DATE: February 21, 2006

RE: **FPAC Technical Recommendations on FCRPS
Operations for Short Term Power System Instabilities**

General

- Any departure from FCRPS BiOp river operations as modified by court order should only be used to accommodate short-term power system reliability emergencies and are the last step(s) to be taken to maintain power system stability.
 - The TMT members will be notified when a short-term emergency operation occurs.
 - Short-term emergency is defined as up to half a day of emergency operations (12 hours).
 - A TMT meeting should be convened for emergency operations that are expected to continue for greater than 12 hours, in order to discuss alternatives and opportunities to offset impacts to fish survival.
- These proposed Group 3 actions are negating actions called for in the biological opinion as modified by court order and will likely reduce fish survival.
- Should an emergency occur that requires utilizing these Group 3 actions; BPA, the Corps of Engineers and the Bureau of Reclamation will work with the salmon managers to identify and establish offsets if needed.

- The Action Agencies will make best efforts to utilize this list in sequence unless, in a specific emergency situation, they are unable to address the emergency using the same sequence in the list.
1. Request tailwater violation at BON
 2. Reduce spill at BON to 50 kcfs while maintaining B2 corner collector operation
 3. Increase generation at MCN to operation outside 1% up to 14 kcfs per turbine unit
 4. Reduce spill at LWG to 19 kcfs (RSW + 11-12 kcfs of training spill)
 5. Reduce spill at IHR to RSW operation (approximately 19 kcfs)
 6. Reduce spill at LGS to 20 kcfs
 7. Reduce spill at LWG to 9 kcfs (RSW + 2-3 kcfs of training spill)
 8. Reduce spill at LWG to 0
 9. Reduce spill at LGS to 0
 10. Reduce spill at LMN to 0
 11. Reduce spill at John Day to 30%
 12. Reduce spill at MCN to 20% of flow
 13. Reduce spill at BON to 0
 14. Reduce spill at IHR to 0
 15. Reduce spill at MCN to 0
 16. Reduce spill at JD to 0
 17. Reduce spill at TD to 30% while maintaining sluiceway operation.